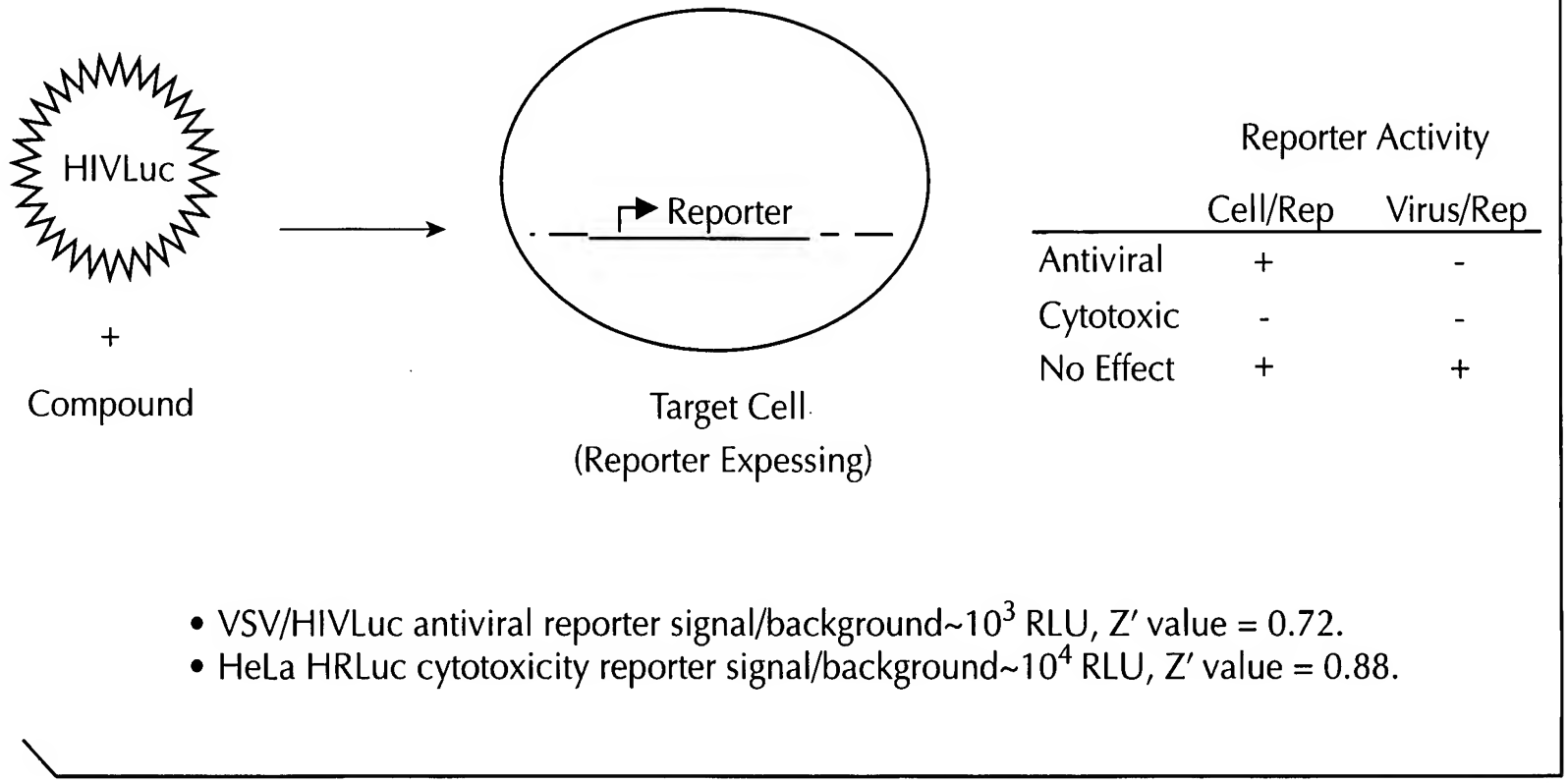
FIG. 1



- VSV/HIVLuc antiviral reporter signal/background~10^3 RLU, Z′ value = 0.72.
- HeLa HRLuc cytotoxicity reporter signal/background~10^4 RLU, Z′ value = 0.88.

FIG. 2

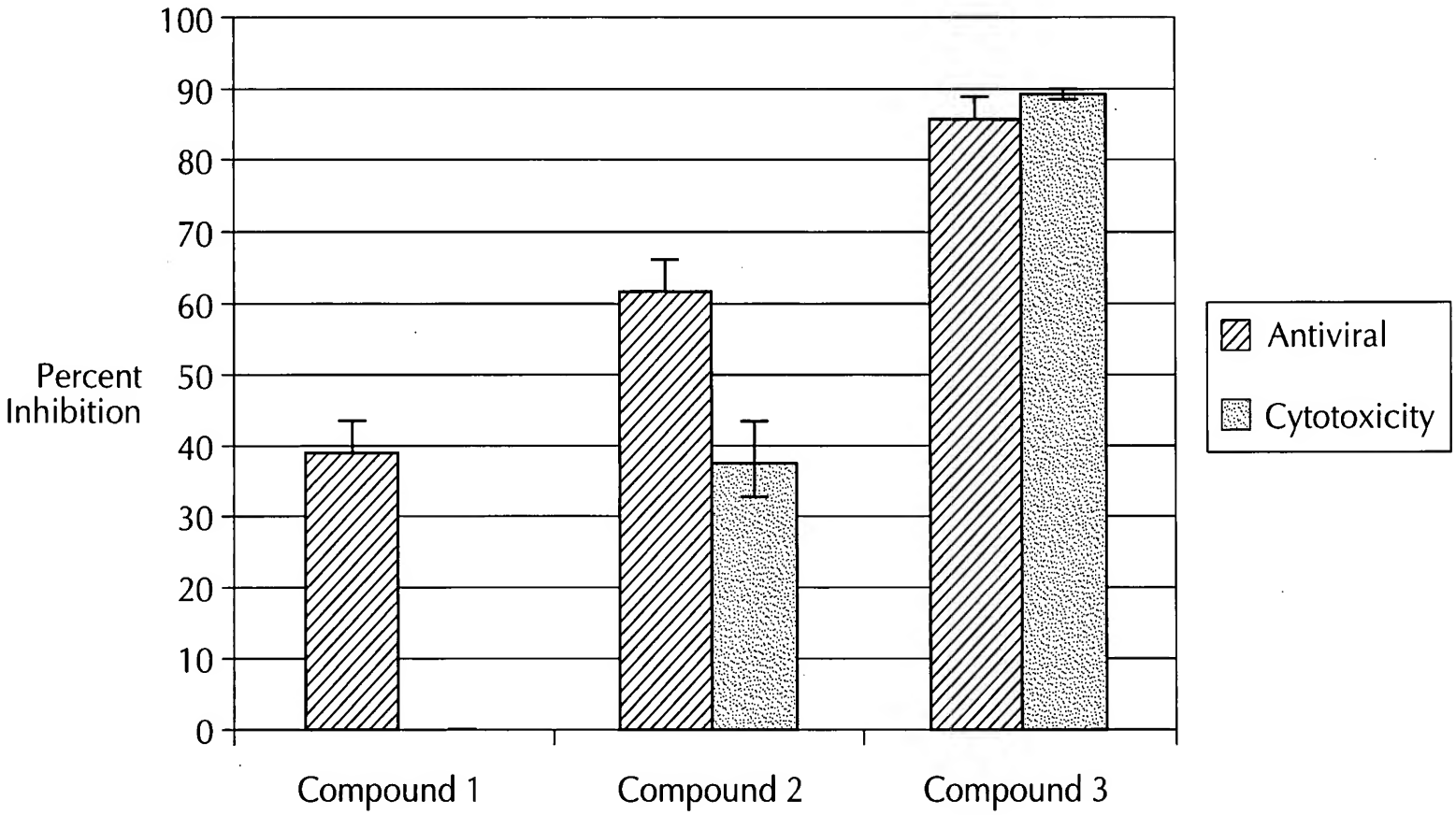
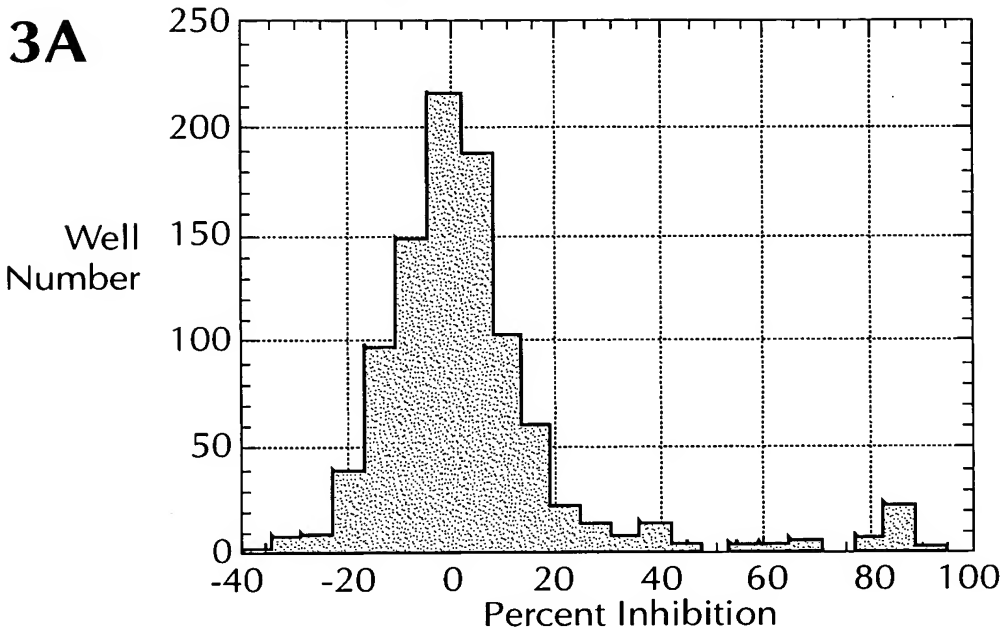
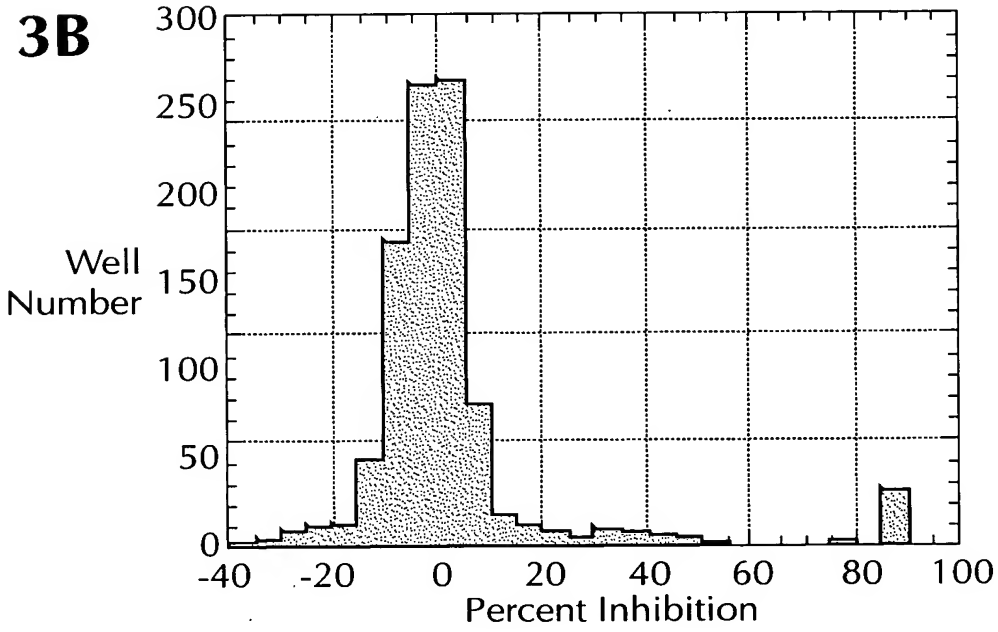

100
90
80
70
60
50
40
30
20
10
0
Percent Inhibition
Compound 1
Compound 2
Compound 3
Antiviral
Cytotoxicity

FIG. 3A



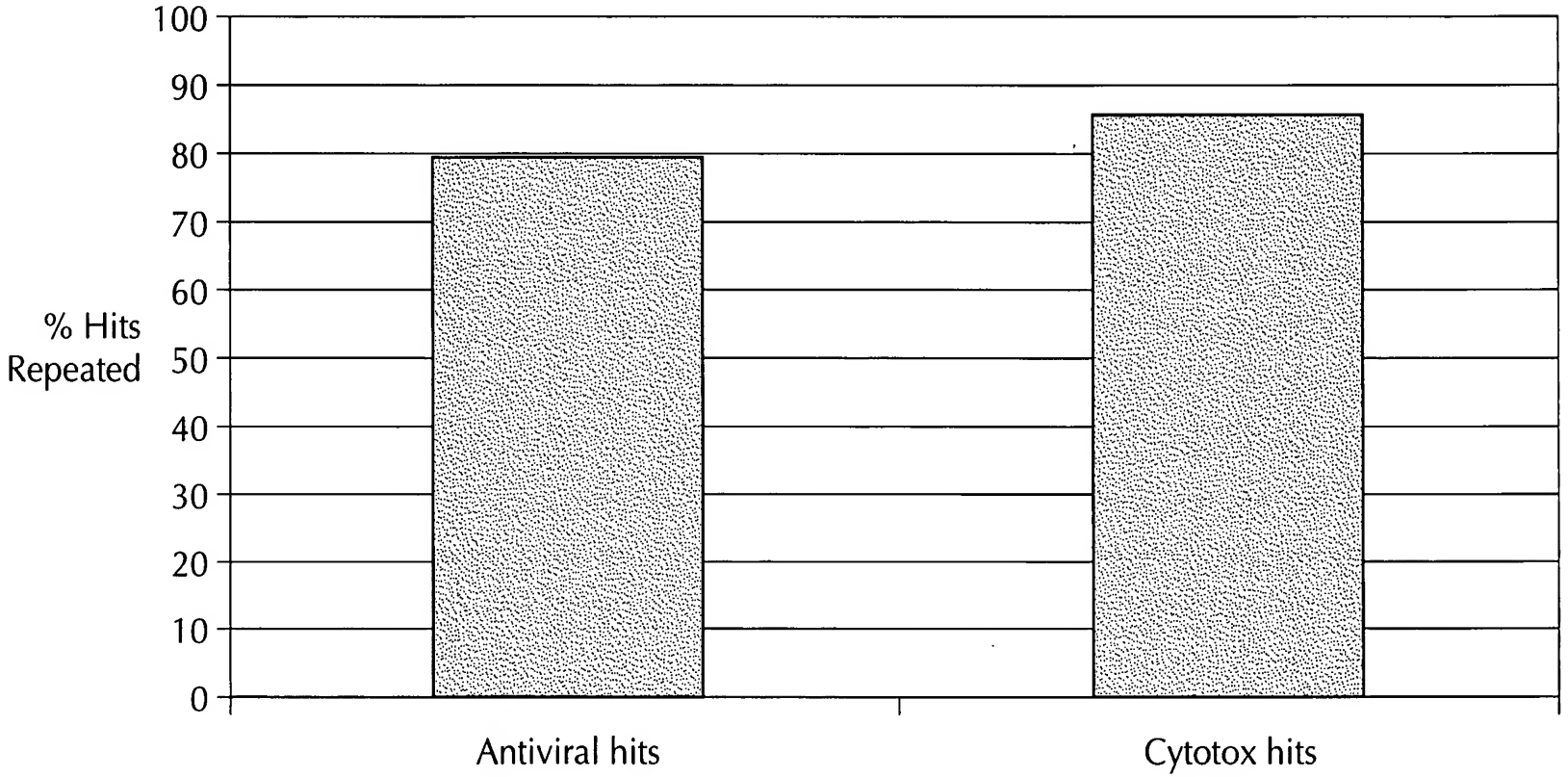
- Ten mock plates containing wells with known inhibitors screened (880 wells)
- Known inhibitors reproducibly identified as hits
- Expected distribution of well activitiy observed

FIG. 3B



Ten mock plates containing wells with known inhibitors screened (880 wells)
Known inhibitors reproducibly identified as hits
Expected distribution of well activitiy observed

FIG. 4



- 1936 wells screened
- Hit identification highly reproducible

FIG. 5

ATGACCTCCAAGGTGTACGACCCCGAGCAGCGCAAGCGCATGATTACCGGCCCCCAGTGGTGGGCCCGCTGC
ATGACTTCGAAAGTTTATGATCCAGAACAAAGGAAACGGATGATAACTGGTCCGCAGTGGTGGGCCAGATGT

AAGCAGATGAACGTGCTGGACAGCTTCATCAACTACTACGACAGCGAGAAGCACGCCGAGAACGCCGTGATC
AAACAAATGAATGTTCTTGATTCATTTATTAATTATTATGATTCAGAAAAACATGCAGAAAATGCTGTTATT

TTCCTGCACGGCAACGCCGCCAGCTCCTACCTGTGGCGCCACGTGGTGCCTCACATCGAGCCTGTGGCCCGC
TTTTTACATGGTAACGCGGCCTCTTCTTATTTATGGCGACATGTTGTGCCACATATTGAGCCAGTAGCGCGG

TGCATCATCCCTGACCTGATCGGCATGGGCAAGAGCGGCAAGAGCGGCAACGGCAGCTACCGCCTGCTGGAC
TGTATTATACCAGACCTTATTGGTATGGGCAAATCAGGCAAATCTGGTAATGGTTCTTATAGGTTACTTGAT

CACTACAAGTACCTGACCGCCTGGTTCGAGCTGCTGAACCTGCCCAAGAAGATCATCTTCGTGGGCCACGAC
CATTACAAATATCTTACTGCATGGTTTGAACTTCTTAATTTACCAAAGAAGATCATTTTTGTCGGCCATGAT

TGGGGCGCCTGCCTGGCCTTCCACTACAGCTACGAGCACCAGGACAAGATCAAGGCCATCGTGCACGCCGAG
TGGGGTGCTTGTTTGGCATTTCATTATAGCTATGAGCATCAAGATAAGATCAAAGCAATAGTTCACGCTGAA

AGCGTGGTGGACGTGATCGAGAGCTGGGACGAGTGGCCTGACATCGAGGAGGACATCGCCCTGATCAAGAGC
AGTGTAGTAGATGTGATTGAATCATGGGATGAATGGCCTGATATTGAAGAAGATATTGCGTTGATCAAATCT

GAGGAGGGCGAGAAGATGGTGCTGGAGAACAACTTCTTCGTGGAGACCATGCTGCCTAGCAAGATCATGCGC
GAAGAAGGAGAAAAAAYGGTTTTGGAGAATAACTTCTTCGTGGAAACCATGTTGCCATCAAAAATCATGAGA

AAGCTGGAGCCTGAGGAGTTCGCCGCCTACCTGGAGCCCTTCAAGGAGAAGGGCGAGGTGCGCCGCCCTACC
AAGTTAGAACCAGAAGAATTTCCAGCATATCTTGAACCATTCAAAGAGAAAGGTGAAGTTCGTCGTCCAACA

CTGAGCTGGCCTCGCGAGATCCCTCTGGTGAAGGGCGGCAAGCCTGACGTGGTGCAGATCGTGCGCAACTAC
TTATCATGGCCTCGTGAAATCCCGTTAGTAAAAGGTGGTAAACCTGACGTTGTACAAATTGTTAGGAATTAT

AACGCCTACCTGCGCGCCAGCGACGACCTGCCCAAGATGTTCATCGAGAGCGACCCTGGCTTCTTCAGCAAC
AATGCTTATCTACGTGCAAGTGATGATTTACCAAAAATGTTTATTGAATCGGACCCAGGATTCTTTTCCAAT

GCCATCGTGGAGGGCGCCAAGAAGTTCCCTAACACCGAGTTCGTGAAGGTGAAGGGCCTGCACTTCAGCCAG
GCTATTGTTGAAGGTGCCAAGAAGTTTCCTAATACTGAATTTGTCAAAGTAAAAGGTCTTCATTTTTCGCAA

GAGGACGCCCCTGACGAGATGGGCAAGTACATCAAGAGCTTCGTGGAGCGCGTGCTGAAGAACGAGCAGTAA
GAAGATGCACCTGATGAAATGGGAAAATATATCAAATCGTTCGTTGAGCGAGTTCTCAAAAATGAACAATAA

Top strand is HRLUC
Bottom strand is wild-type *Renilla* luciferase